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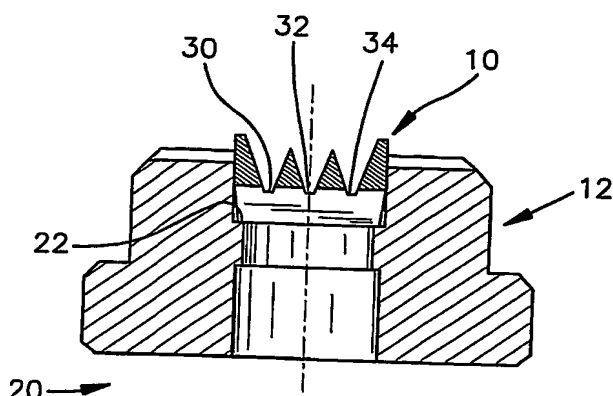
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(54) Title: **AIRLESS SPRAY NOZZLE**



(57) Abstract: An airless spray nozzle tip (10) for use in coating workpieces such as containers includes a first groove (40) located on one side (24) of the tip, and second (30), third (32) and fourth (34) grooves located on the other side of the tip, thereby forming three orifices in the nozzle tip (10). The nozzle tip (10) produces a generally circular spray pattern with a diameter of at least about one half inch, at a distance in the range of from about one inch to about three inches from the nozzle tip, and at a flow rate at or below about 0.045 gallons per minute. A process of coating a workpiece, such as a container, includes spraying liquid from a nozzle tip to produce this generally circular pattern, the nozzle tip preferably having three orifices.

WO 2004/094069 A1